

Biocomplexity of Avian Disease Vectors



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Objectives:

- Monitor mosquito abundance and infection rates
- ☆ Record and relate climate to mosquito and disease dynamics
- ★ Examine the role of host-vector interactions in transmission

Accomplishments:

- ☆ Completed three and a half years of mosquito sampling
- ☆ Recorded differences in the defensive behaviors of native and alien birds

Significance:

- ★ Vectors may be the weakest link in this avian disease system
- ☆ Mosquito demography may drive the local evolution of tolerance in birds
- ☆ Relevance to emerging West Nile Virus and Dengue Fever